A RECORD OF LOCALITIES OF SOME NEW SOUTH WALES ZOOPHYTES, AS DETERMINED BY DR. KIRCHENPAUER.

COMMUNICATED BY SIR F. VON MULLER, K.C.M.G., &c.

## I. HYDROIDA

THUIARIA CARTILAGINEA. N. sp. Coast near Mount Dromedary; Miss Mary Bate.

SERTULARELLA JOHNSTONI. Gray.

Near the entrance of the Richmond River; Miss Constance Hodgkinson.

SERTULARELLA SIMPLEX. Hutton.

Coast near Mount Dromedary; Miss Bate.

SERTULAREA MILLEFOLIUM. Lamarck.

Coast near Mount Dromedary; Miss Bate.

SERTULARIA LYCOPODIUM. Lamarck.

Coast near Mount Dromedary; Miss Bate. Near the entrance of the Richmond River; Miss Hodgkinson.

AGLAOPHENIA RAMOSA. Busk.

Coast near Mount Dromedary; Miss Bate.

## II. BRYOZOA.

CATENIOELLA VENTRICOSA. Busk.

Coast near Mount Dromedary. Miss Bate.

CATENIOELLA MARGARITACEA. Busk.

Coast near Mount Dromedary; Miss Bate. Near the entrance of the Richmond River; Miss Hodgkinson.

CATENIOELLA ELEGANS. Busk.

Entrance of the Richmond River. Miss Bate.

CATENIOELLA BUSKII. Thompson.

Coast near Mount Dromedary. Miss Bate.

DIDYMIA SIMPLEX. Busk.

Entrance of the Richmond River. Miss Bate.

CELLULARIA CUSPIDATA. Busk.

Coast near Mount Dromedary. Miss Bate.

EMMA CRYSTALLINA. Gray.

Coast near Mount Dromedary. Miss Bate.

BUGULA DENTATA. Lamouroux.

Entrance of the Richmond River; Miss Hodgkinson. Coast near Mount Dromedary; Miss Bate.

FLUSTRA DENTICULATA, Busk.

Coast near Mount Dromedary. Miss Bate.

Steganiporella. Species forsan nova.

Entrance of the Richmond River. Miss Hodgkinson.

MEMBRANIPORA MEMBRANACEA. L. Entrance of the Richmond River; Miss Hodgkinson.

MEMBRANIPORA PILOSA. L. Entrance of the Richmond River; Miss Hodgkinson.

## 2. CYCLOSTOMATA.

CRISIA MARGARITACEA. Busk.

Entrance of the Richmond River; Miss Hodgkinson.

## 3. CHTENOSTOMATA.

AMATHELLA CORNUTA. Gray. Coast near Mount Dromedary; Miss Bate.

Spiralia Crispa. Lamarck.

Entrance of the Richmond River; Miss Hodgkinson.

Spiralia dentata. N. sp. Coast near Mount Dromedary; Miss Bate.